

IN THE CLAIMS:

Please cancel Claims 1 to 5 and 7 to 10 without prejudice or disclaimer of subject matter. Please amend Claims 6 and add new Claims 11 to 16 as shown below. The claims, as pending in the subject application, read as follows:

1. to 5. (Cancelled)

6. (Currently Amended) A printing method used in a printing system comprising a first printing apparatuses used for printing, a second printing apparatus that executes a calibration process on the first printing apparatus, and a network connecting the first and second printing apparatuses together, the method comprising:

a step of continuing printing on the first printing apparatus when the first printing apparatus requests a calibration process of the second printing apparatus;

a step of sensing a temperature of the second printing apparatus ~~when the first printing apparatus requests a calibration process from the second printing apparatus;~~

a step of temperature information providing which comparing the temperature of the second printing apparatus acquired by the temperature sensing step with a temperature of the first printing apparatus to provide temperature information indicative of the need for heating or cooling;

a step of sensing a humidity of the second printing apparatus; a step of humidity information providing which comparing the humidity of the second printing apparatus acquired by the humidity sensing step with a humidity of the first printing

apparatus to provide humidity information indicative of the need for humidification or dehumidification;

a step of executing a process on the basis of information obtained from the temperature information providing step and the humidity information providing step, then reading the density of each patch of a patch pattern in the second printing apparatus, and generating density converted characteristic information on the basis of density results which information is required to obtain a target density characteristic; and

a step of transmitting the density converted characteristic information to the first printing apparatus.

7. to 10. (Cancelled)

11. (New) A processing method used in a printing apparatus comprising:

a step of continuing printing on a first printing apparatus when the first printing apparatus requests a generating density converted characteristic information to a second printing apparatus;

a step of receiving density converted characteristic information generated by the second printing apparatus when heating and cooling command acquired by the second printing apparatus using temperature information of the first printing apparatus executes on the second printing apparatus, and the cooling command of the second printing apparatus executes on the second printing apparatus; and

a step of renewing traditional density converted characteristic information to

the received density converted characteristic information.

12. (New) A processing method used in a printing apparatus according to claim 11, further comprising density converted characteristic information is generated when a first apparatus requests a generating density converted characteristic information to a second printing apparatus, transmitting a humidity information to the second printing apparatus and humidification or dehumidification command executes on the basis of the humidity information.

13. (New) A processing method used in a printing apparatus comprising:

a step of continuing printing on a first printing apparatus when the first printing apparatus requests a generating density converted characteristic information to a second printing apparatus;

a step of receiving density converted characteristic information generated by the second printing apparatus when heating and cooling command acquired by the second printing apparatus using humidity information of the first printing apparatus executes on the second printing apparatus, and the cooling command of the second printing apparatus executes on the second printing apparatus; and

a step of renewing traditional density converted characteristic information to the received density converted characteristic information.

14. (New) A computer program product for executing a printing method

used in a printing system comprising a first printing apparatuses used for printing, a second printing apparatus that executes a calibration process on the first printing apparatus, and a network connecting the first and second printing apparatuses together, the method comprising:

- a step of continuing printing on the first printing apparatus when the first printing apparatus requests a calibration process to the second printing apparatus;

- a step of sensing a temperature of the second printing apparatus;

- a step of temperature information providing which comparing the temperature of the second printing apparatus acquired by the temperature sensing step with a temperature of the first printing apparatus to provide temperature information indicative of the need for heating or cooling;

- a step of sensing a humidity of the second printing apparatus;

- a step of humidity information providing which comparing the humidity of the second printing apparatus acquired by the humidity sensing step with a humidity of the first printing apparatus to provide humidity information indicative of the need for humidification or dehumidification;

- a step of executing a process on the basis of information obtained from the temperature information providing step and the humidity information providing step, then reading the density of each patch of a patch pattern in the second printing apparatus and generating density converted characteristic information on the basis of density results which information is required to obtain a target density characteristic; and

- a step of transmitting the density converted characteristic information to the first printing apparatus.

15. (New) A computer program product for executing a processing used in a printing apparatus comprising:

a step of continuing printing on a first printing apparatus when the first printing apparatus requests a generating density converted characteristic information to a second printing apparatus;

a step of receiving density converted characteristic information generated by the second printing apparatus when heating and cooling command acquired by the second printing apparatus using temperature information of the first printing apparatus executes on the second printing apparatus, and the cooling command of the second printing apparatus executes on the second printing apparatus; and

a step of renewing traditional density converted characteristic information to the received density converted characteristic information.

16. (New) A computer program product for executing a processing method used in a printing apparatus comprising:

a step of continuing printing on a first printing apparatus when the first printing apparatus requests a generating density converted characteristic information to a second printing apparatus;

a step of receiving density converted characteristic information generated by the second printing apparatus when heating and cooling command acquired by the second printing apparatus using humidity information of the first printing apparatus executes on the second printing apparatus, and the cooling command of the second printing apparatus executes on the second printing apparatus; and

a step of renewing traditional density converted characteristic information to the received density converted characteristic information.